

EXECUTIVE OFFICER SUMMARY REPORT  
SEPTEMBER 13, 2017

ITEM: 10

SUBJECT: Informational Item: Walking Tour of Storm Water Best Management Practices at the Riverside County Flood Control District (District) Office (*Erica Ryan*)

PURPOSE: To provide the San Diego Water Board and public with an overview of the storm water best management practices on display at the Riverside County Flood Control District Office.

RECOMMENDATION: This is an informational item only. The Board will not take an action.

KEY ISSUES: Impervious land surfaces (e.g. sidewalks, parking lots, roofs) collect pollutants and during storm events these pollutants are transported, untreated, to receiving waters. To reduce the amount of pollutant laden storm water runoff from impervious surfaces flowing to the municipal separate storm sewer system (MS4), the Regional MS4 Permit requires permittees to direct those flows to landscaped areas featuring low impact development (LID) controls as well as other structural treatment controls. Collectively these controls are referred to as best management practices (BMPs) and remove pollutants in storm water runoff to protect the water quality and associated beneficial uses of the receiving waters.

PRACTICAL VISION: The Regional MS4 Permit directly implements several chapters of the San Diego Water Board's Practical Vision entitled Healthy Waters, Healthy People. Land Development provisions of the Permit pertain to the development and implementation of strategies to achieve healthy waters, contribute to a sustainable local water supply through ground water recharge, and recovery of streams, wetlands, and riparian ecosystems through pollutant source control practices. Pollutant control strategies include the storm water BMPs on display during the District's walking tour. The BMPs on display, when properly installed and regularly

maintained, can achieve measurable reductions in MS4 pollutant discharges and contribute to improvements in receiving water quality consistent with the goals of the Practical Vision.

DISCUSSION: Today's walking tour by the District (**Supporting Document No. 1**) will provide an overview of storm water BMPs used by municipalities to control pollutants from developed land. The features on display during the District's walking tour include LID features, landscaping techniques, bioretention facilities, and monitoring systems. These storm water BMPs demonstrate methods to recharge groundwater, reduce peak storm water flows, and remove pollutants from storm water to protect the water quality and beneficial uses of receiving waters.

LEGAL CONCERNS: None

SUPPORTING DOCUMENTS: 1. Walking Tour Guide of Storm Water Best Management Practices

PUBLIC NOTICE: This item was publicly noticed in the Meeting Notice and Agenda for the September 13, 2017 meeting.